

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
13 January 2005 (13.01.2005)

PCT

(10) International Publication Number
WO 2005/003382 A1

- (51) International Patent Classification⁷: **C12Q 1/68** (74) Agent: **PHILLIPS ORMONDE & FITZPATRICK**; 367 Collins Street, Melbourne, Victoria 3000 (AU).
- (21) International Application Number: **PCT/AU2004/000905** (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (22) International Filing Date: **2 July 2004 (02.07.2004)**
- (25) Filing Language: **English**
- (26) Publication Language: **English**
- (30) Priority Data:
2003903412 **4 July 2003 (04.07.2003)** **AU**
- (71) Applicants (for all designated States except US): **THE QUEEN ELIZABETH HOSPITAL RESEARCH FOUNDATION INC.** [AU/AU]; 50 Woodville Road, Woodville South, South Australia 5011 (AU). **ADELAIDE RESEARCH & INNOVATION PTY LTD** [AU/AU]; Level 11, 10 Pulteney Street, Adelaide, South Australia 5005 (AU).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **JANNES, Jim** [AU/AU]; 8 Cambrook Avenue, Underdale, South Australia 5032 (AU). **HAMILTON-BRUCE, Monica Anne** [AU/AU]; P O Box 301, Woodville South, South Australia 5011 (AU). **KOBLAR, Simon** [AU/AU]; 33 East Avenue, Millswood, South Australia 5034 (AU).
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: **MUTATION ASSOCIATED WITH STROKES**

(57) Abstract: The present invention relates to a method of identifying a subject predisposed to ischemic stroke. The method includes the step of identifying a mutation in the subject that reduces the release rate of tissue plasminogen activator.

WO 2005/003382 A1